



A piece of new ram car waits to be lowered underground.



Once underground the new ram car must be fully assembled.



An operator moves an empty ram car behind the miner to be loaded.

Underground Mining

RAM CAR MINING EQUIPMENT



The transport of mined coal from working faces to the surface is a key factor in underground mining efficiency. A ram car transports approximately 12 tons of coal. It is either battery or diesel powered.



At 40 feet long and 11 feet wide, the ram car takes up much of the haul road.



A full ram car approaches the feeder where it will unload the coal.



It takes 24 seconds to discharge a load of coal into the feeder.



Ram cars can travel up to 6 mph. Each mining unit has three to five ram cars.



Once in the feeder, the coal is broken and fed onto a conveyor belt.



A conveyor belt hauls the coal to the surface, sometimes a distance of several miles.



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